

**Cultural Landscape Report and Environmental Assessment**  
**Jewel Cave National Monument**

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## **Appendix A**

## Appendix A

### Species Common to Jewel Cave National Monument

#### **Amphibians**

- *Ambystoma tigrinum* (tiger salamander)
- *Bufo cognatus* (Great Plains toad)
- *Bufo woodhousii* (Woodhouse's toad)
- *Pseudacris triseriata* (Striped chorus frog, western chorus frog)

#### **Birds**

- *Accipiter cooperii* (cooper's hawk)
- *Accipiter gentilis* (northern goshawk)
- *Accipiter striatus* (sharp-shinned hawk)
- *Actitis macularia* (spotted sandpiper)
- *Aegolius acadicus* (northern saw-whet owl)
- *Aeronautes saxatalis* (white-throated swift)
- *Agelaius phoeniceus* (red-winged blackbird)
- *Anas discors* (blue-winged teal)
- *Anas platyrhynchos* (mallard)
- *Anas strepera* (gadwall)
- *Aquila chrysaetos* (golden eagle)
- *Ardea herodias* (great blue heron)
- *Bombycilla cedrorum* (cedar waxwing)
- *Bubo virginianus* (great horned owl)
- *Buteo jamaicensis* (red-tailed hawk)
- *Buteo lagopus* (rough-legged hawk)
- *Carduelis pinus* (pine siskin)
- *Carduelis tristis* (american goldfinch)
- *Carpodacus cassini* (cassin's finch)
- *Cathartes aura* (turkey vulture)
- *Catharus minimus* (gray-cheeked thrush)
- *Catharus ustulatus* (swainson's thrush)
- *Catherpes mexicanus* (canyon wren)
- *Certhia Americana* = Brown creeper (No common name)
- *Charadrius semipalmatus* (semipalmated plover)
- *Charadrius vociferus* (killdeer)
- *Chondestes grammacus* (lark sparrow)
- *Chordeiles minor* (common nighthawk)
- *Colaptes auratus* (northern flicker)
- *Contopus sordidulus* (western wood-pewee)
- *Corvus brachyrhynchos* (american crow)
- *Cyanocitta cristata* (blue jay)
- *Dendroica coronata* (yellow-rumped warbler)
- *Dumetella* (catbirds)
- *Empidonax difficilis* (western flycatcher)
- *Empidonax oberholseri* (dusky flycatcher)
- *Empidonax occidentalis* = Cordilleran flycatcher (No common name)
- *Euphagus cyanocephalus* (brewer's blackbird)
- *Falco sparverius* (american kestrel)
- *Haliaeetus leucocephalus* (bald eagle)
- *Icterus galbula* (northern oriole)
- *Junco hyemalis* (dark-eyed junco)
- *Larus pipixcan* (franklin's gull)

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- *Loxia curvirostra* (red crossbill)
- *Melanerpes erythrocephalus* (red-headed woodpecker)
- *Melanerpes lewis* (lewis' woodpecker)
- *Meleagris gallopavo* (wild turkey)
- *Melospiza lincolni* (lincoln's sparrow)
- *Molothrus ater* (brown-headed cowbird)
- *Myadestes townsendii* (townsend's solitaire)
- *Nucifraga columbiana* (clark's nutcracker)
- *Oporornis tolmie* (macgillivray's warbler)
- *Parus atricapillus* (black-capped chickadee)
- *Passerina cyanea* (indigo bunting)
- *Pedioecetes phasianellus* (sharp-tailed grouse)
- *Perisoreus canadensis* (gray jay)
- *Phalaenoptilus nuttallii* (common poorwill)
- *Phalaropus tricolor* (wilson's phalarope)
- *Pheucticus melanocephalus* (black-headed grosbeak)
- *Picoides arcticus* (black-backed woodpecker)
- *Picoides pubescens* (downy woodpecker)
- *Picoides villosus* (hairy woodpecker)
- *Pipilo maculatus* =Spotted towhee (No common name)
- *Piranga ludoviciana* (western tanager)
- *Pooecetes gramineus* (vesper sparrow)
- *Regulus calendula* (ruby-crowned kinglet)
- *Salpinctes obsoletus* (rock wren)
- *Seiurus aurocapillus* (ovenbird)
- *Setophaga ruticilla* (american redstart)
- *Sialia currucoides* (mountain bluebird)
- *Sialia sialis* (eastern bluebird)
- *Sitta canadensis* (red-breasted nuthatch)
- *Sitta carolinensis* (white-breasted nuthatch)
- *Spizella pallida* (clay-colored sparrow)
- *Spizella passerine* (chipping sparrow)
- *Spizella pusilla* (field sparrow)
- *Stelgidopteryx serripennis* (northern rough-winged swallow)
- *Tachycineta thalassina* (violet-green swallow)
- *Toxostoma rufum* (brown thrasher)
- *Tringa melanoleuca* (greater yellowlegs)
- *Tringa solitaria* (solitary sandpiper)
- *Troglodytes aedon* (house wren)
- *Turdus migratorius* (american robin)
- *Tyrannus verticalis* (western kingbird)
- *Vermivora peregrine* (tennessee warbler)
- *Vireo gilvus* (warbling vireo)
- *Vireo solitarius* (solitary vireo)
- *Zenaida macroura* (mourning dove)

### **Fish**

None

### **Mammals**

- *Canis latrans* (coyote)
- *Clethrionomys gapperi* (southern red-backed vole)
- *Corynorhinus townsendii* (No common name)
- *Eptesicus fuscus* (big brown bat)
- *Erethizon dorsatum* (porcupine)

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- *Lasionycteris noctivagans* (silver-haired bat)
- *Lasiurus cinereus* (hoary bat)
- *Lynx rufus* (bobcat)
- *Microtus longicaudus* (long-tailed vole)
- *Microtus ochrogaster* (prairie vole)
- *Microtus pennsylvanicus* (meadow vole)
- *Myotis ciliolabrum* (western small-footed bat)
- *Myotis keenii* (Keen's myotis)
- *Myotis leibii* (small-footed myotis)
- *Myotis lucifugus* (little brown bat)
- *Myotis septentrionalis* (northern long-eared bat)
- *Myotis thysanodes* (fringed myotis)
- *Myotis volans* (long-legged myotis)
- *Neotoma cinerea* (bushy-tailed woodrat)
- *Odocoileus hemionus* (mule deer)
- *Peromyscus leucopus* (white-footed mouse)
- *Peromyscus maniculatus* (deer mouse)
- *Puma concolor* (mountain lion)
- *Sorex cinereus* (masked shrew)
- *Sylvilagus floridanus* (eastern cottontail)
- *Sylvilagus nuttallii* (Nuttall's cottontail)
- *Tamias minimus* (least chipmunk)
- *Tamiasciurus hudsonicus* (red squirrel)
- *Thomomys talpoides* (northern pocket gopher)

#### **Reptiles**

- *Liochlorophis vernalis* (smooth green snake)
- *Thamnophis elegans* (western terrestrial garter snake)

#### **Invertebrates**

Documented in the Monument's museum collection

Common Name	Sci. Name
SPRINGTAIL	FOLSOMIA SP.
Ground beetle	<i>Cyclotrachelus torvus torvus</i> (LeConte)
Ground beetle	<i>Harpalus pensylvanicus</i> (DeGeer)
Ground beetle	<i>Harpalus opacipennis</i> (Haldeman)
Ground beetle	<i>Agonum placidum</i> (Say)
Ground beetle	<i>Harpalus opacipennis</i> (Haldeman)
Ground beetle	<i>Harpalus desertus</i> (LeConte)
Click beetle	<i>Ctenicera destructor</i> (Brown)
Ground beetle	<i>Amara cupreolata</i> (Putzeys)
Ground beetle	<i>Cymindis planicollis</i> (LeConte)
Ground beetle	<i>Pasimachus</i> sp.
Ground beetle	<i>Lebia moesta</i> (LeConte)
Ground beetle	<i>Lebia vittata</i> (Fabricius)
Scarab beetle	<i>Phyllophaga</i> sp.
Scarab beetle	<i>Euphoria inda</i> (Linnaeus)
Scarab beetle	<i>Diptotaxis</i> sp.
Scarab beetle	<i>Euphoria india</i> (Linnaeus)
Scarab beetle	<i>Diptotaxis</i> sp.
Scarab beetle	<i>Trox</i> sp.
Scarab beetle	<i>Cyclocephala</i> sp.
Scarab beetle	<i>Canthon</i> sp.

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Leaf beetle	Haltica sp.
Leaf beetle	Heplorhynchites aeneus (Boheman)
Leaf beetle	Heplorhynchites aeneus (Boheman)
Leaf beetle	Haltica sp.
Leaf beetle	Trirhabda sp.
Leaf beetle	Chrysochus auratus (Fabricius)
Leaf beetle	Galuruca externa (Say)
Leaf beetle	Trirhabda bacharidis (Weber)
Leaf beetle	Trirhabda sp.
Leaf beetle	Cosinoptera vittigera
Leaf beetle	Cryptocephalus sp.
Colorado Potato Beetle	Leptinotarsa decemlineata (Say)
Leaf beetle	Trirhabda bacharidis (Weber)
Leaf beetle	Acalymma vitatum (Fabricius)
Leaf beetle	Diabrotica undecimpunctata Mann.
Leaf beetle	Chelymorpha argus (Licht.)
Rove beetle	Creophilus maxillosus (Linnaeus)
Blister beetle - Black	Epicauta pennsylvanica (DeGeer)
Blister beetle - Spotted	Epicauta maculata (Say)
Blister beetle - Gray	Epicauta cinerea (Forst.)
Weevil Rose curculio	Merhycites bicolor (Fabricius)
Weevil	Anthonomus sp.
Strawberry root weevil	Otiorhynchus ovatus (Linnaeus)
Longhorn beetle	Monochamus clamator (LeConte)
Longhorn beetle	Prionus sp.
Longhorn beetle	Tragosoma depsarium (LeConte)
Longhorn beetle	Batyle ignicollis (Say)
Longhorn beetle	Cortodera longicornis (Kirby)
Longhorn beetle	Anastrangalia sanguinea (LeConte)
Longhorn beetle	Comosalia chrysocoma (Kirby)
Longhorn beetle	Tetraopes tetraophthalmus (Foster)
Longhorn beetle	Strictoleptura canadensis (Olivier)
Longhorn beetle	Batyle suturalis pearsalli (Bland)
Longhorn beetle	Rhopalophora longipes (Say)
Longhorn beetle	Cymatodera bouleiata (LeConte)
Longhorn beetle	Typocerus sinuatus (Nunn.)
Longhorn beetle	Cortodera longicornis (Kirby)
Carrión beetle	Silpha lapponica (Herbst)
Carrión beetle	Silpha noveboracensis (Forst.)
Carrión beetle	Nicrophorus sp.
Darkling beetle	Upis ceramboides (Linnaeus)
Darkling beetle	Eleodes tricostatus (Say)
Darkling beetle	Eleodes sp.
Checkered beetle	Trichodes sp.
Western pine borer	Chalcophora angulicollis (LeConte)
Click beetle	Melanotus sp.
Click beetle	Alaus oculatus (Linnaeus)
Tiger beetle	Cicindela punctatus
Tiger beetle	Cicindela nebrascana Cases
Sap beetle	Carpophilus sp.
Handsom fungus beetle	Aphorista vittata (Fabricius)
Hister beetle	Hister sp.
Red turpentine beetle	Dendroctonus valiens (LeConte)
Tumbling flower beetle	Mordellistena sp.
Soft-winged flower beetle	Collops sp.

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Ladybird beetle	Anatis sp.
Ladybird beetle	<i>Coccinella transversoguttata</i> Fald.
Ladybird beetle	<i>Hippodamia convergens</i> Guerin-Meneville
Ladybird beetle	<i>Coccinella transversoguttata</i> Fald.
Ladybird beetle	<i>Hippodamia convergens</i> Guerin-Meneville
Baird's Swallowtail	<i>Papilio bairdii</i> (W.H. Edwards)
Oregon Swallowtail	<i>Papilio oregonius</i> (W.H. Edwards)
Orange Sulphur	<i>Colias eurytheme</i> Boisduval
Common Sulphur	<i>Colias philodice</i> Godart
Orange sulphur	<i>Colias eurytheme</i> Boisduval
Cabbage butterfly	<i>Pieris rapae</i> (Linnaeus)
Checkered White Butterfly	<i>Pieris protodice</i> (Boisduval & LeConte)
Pine White Butterfly	<i>Neophasia menapia</i> (C. & R. Felder)
Eastern tailed blue	<i>Everes comyntas</i> (Godart)
Melissa blue	<i>Lycaeides melissa</i> (W.H. Edwards)
Red Admiral	<i>Vanessa atalanta</i> (Linnaeus)
Ox-eyed Satyr	<i>Cercyonis pegala</i> (Fabricus)
Least Satyr	<i>Cercyonis oetus</i> (Boisduval)
Mead's Wood Nymph butterfly	<i>Cercyonis meadii</i> (W.H. Edwards)
Uhler's Artic butterfly	<i>Oeneis uhleri</i> (Reakirt)
Edward's Fritillary butterfly	<i>Speyeria edwardsii</i> (Reakirt)
Variegated Fritillary	<i>Euptoieta claudia</i> (Cramer)
Atlantis fritillary	<i>Speyeria atlantis</i> (W.H. Edwards)
Mourning cloak	<i>Nymphalis antiopa</i> (Linnaeus)
White Admiral butterfly	<i>Basilarchia weidemeyerii</i> (W.H. Edwards)
Painted lady butterfly	<i>Vanessa cardui</i> (Linneaus)
Monarch	<i>Danaus plexippus</i> (Linnaeus)
Tawny Crescent	<i>Phycoides batesii</i> (Reakirt)
Pearl Crescent	<i>Phycoides tharos</i> (Drury)
Zephur angle wing	<i>Polygonia zephyrus</i> (W.H. Edwards)
Aphrodite	<i>Speyeria aphrodite</i> (Fabricus)
Northern Pearl Crescent	<i>Phycoides pascoensis</i> (W.G. Wright)
Gorgone Checkerspot	<i>Charidryas gorgone</i> (Hubner)
Tiger Moth	<i>Grammia</i> sp.
Oithona Tiger Moth	<i>Grammia oithona</i> Strecker
Many-spotted Tiger Moth	<i>Turuptiana permaculata</i> Packard
Painted Lichen Moth	<i>Hypoprepia fucosa</i> Hubner
Lichen Moth	<i>Hypoprepia</i> sp.
Tiger Moth	<i>Lycomorpha pholus</i> (Drury)
Geometrid Moth	<i>Hesperamia sulphuraria</i> Packard
Geometrid Moth	<i>Eriplatymetra coloradaria</i> (Gand. R.)
Geometrid Moth	<i>Itame occiduaria</i> (Packard)
Geometrid Moth	<i>Euchlaena</i> sp.
Polyphemus Moth	<i>Antheraea polyphemus</i> (Cramer)
Army Cut-worm Moth	<i>Euxoa auxiliaris</i> (Grote)
Noctuid Moth	<i>Euxoa mimallonis</i> (Grote)
Unknown	<i>Drasteria divergens</i> (Behr)
Eastern Tent Caterpillar	<i>Malacosoma americanum</i> (Fabricius)
White-lined Sphinx Moth	<i>Hyles lineata</i> (Fabricius)
Snowberry Clearwing Moth	<i>Hemaris diffinis</i> (Boisduval)
Small-eyed Sphinx Moth	<i>Paonias myops</i> (J.E. Smith)
Variegated fritillary	<i>Euptoieta claudia</i> (Cramer)
Milbert's Tortoise shell	<i>Aglais milberti</i> (Godart)
Common Checkered Skipper	<i>Pyrgus communis</i> (Grote)
Dusky-wing Skipper	<i>Erynnis</i> sp.

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Common Checkered Skipper	<i>Pyrgus communis</i> (Grote)
Silver-spotted Skipper	<i>Epargyreus clarus</i> (Cramer)
Dusky-wing Skipper	<i>Erynnis</i> sp.
Northern Pearl Crescent	<i>Phycoides phycoides</i> (W.G. Wright)
Comma Skipper	<i>Hesperia comma</i> (Linneaus)
Bald Dusky Wing	<i>Erynnis afranius</i> (Lintner)
Comma Skipper	<i>Hesperia comma</i> (Linnaeus)
Robust Bot fly	<i>Cuterabria beameri</i>
Least Satyr	<i>Cercyonis oetus</i> (Boisduval)
Great Ash Sphinx Moth	<i>Sphinx chersis</i> (Hubner)
Comma or hop merchant	<i>Polygonia comma</i> (Harris)
Monarch	<i>Danaus plexippus</i> (Linnaeus)
Northern Pearl Crescent	<i>Phycoides phycoides</i> (W.G. Wright)
Weidemeyer's Admiral	<i>Basilarchia weidemeyerii</i> (W.H. Edwards)
Variegated Fritillary	<i>Euptoieta claudia</i> (Cramer)
Green Lacewing	<i>Chrysopa</i> sp.
Brown Lacewing	<i>Wesmaelius</i> sp.
Ant Lion	<i>Myrmelion immaculatus</i> (DeGeer)
Ant Lion	<i>Dendroleon obsoletus</i> (Say)
Ant lion	<i>Myrmelion immaculatus</i> (DeGeer)
Darner Dragonfly	<i>Aeschna palmata</i> (Hagen)
Common Skimmer	<i>Libellula forensis</i> (Hagen)
Skimmer	<i>Sympetrum fasciatum</i> (Walker)
Skimmer	<i>Sympetrum obtrusum</i> (Hagen)
Stink Bug	<i>Thyanta</i> sp.
Stink Bug	<i>Chlorochroa</i> sp.
Stink Bug	<i>Bahasa dimidiata</i> (Say)
Stink Bug	<i>Euschistus servus</i> (Say)
Stink Bug	<i>Chlorochroa</i> sp.
Harlequin Bug	<i>Murgantia histrionica</i> (Hahn)
Shield-backed Bug	<i>Homaemus</i> sp.
Shield-backed Bug	<i>Homaemus</i> sp.
Plant hopper	<i>Scolops</i> sp.
Leaf Bug	<i>Lygus</i> sp.
Big-eyed Bug	<i>Labops hesperius</i> Uhler
Damsel Bug	<i>Nabicula</i> sp.
Damsel Bug	<i>Nabis americiferus</i> Carayon
Frog Hopper	<i>Philaenarcys bilieata</i>
Ambush Bug	<i>Phymata</i> sp.
Water Boatman	<i>Corisella tarsalis</i> (Fabricius)
Assassin Bug	<i>Zelus tetracanthus</i> (Stal)
Assassin Bug	<i>Rhynocoris ventralis</i> (Say)
Assassin Bug	<i>Rhynocoris ventralis</i> (Say)
Assassin Bug	<i>Rhynocoris ventralis</i> (Say)
Seed Bug	<i>Neacoryphus bicrucis</i> (Say)
Leaf-footed Bug	<i>Merocaris typhaeus</i> (Fabricius)
Leaf-footed Bug	<i>Leptoglossus clypealis</i> (Heidemann)
Broad-headed Bug	<i>Alydus</i> sp.
Scentless Plant Bug	<i>Arhyssus</i> sp.
Scentless Plant Bug	<i>Stictopleurus</i> sp.
Broad-headed Bug	<i>Alydus</i> sp.
Big-headed Bug	<i>Megalotomus quinquespinosus</i> (Say)
Broad-headed Bug	<i>Alydus</i> sp.
Leaf-footed Bug	<i>Leptoglossus occidentalis</i> (Haldemann)
Scentless Plant Bug	<i>Harmostes</i> sp.

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### **Jewel Cave National Monument**

Small Milkweed Bug	<i>Lygaeus kalmii</i> Stal
Cicada	<i>Tibicen dealbatus</i> (Davis)
Cicada	<i>Okanagana rimosa</i> (Davis)
Cicada	<i>Tibicen dealbatus</i> (Davis)
Box Elder Bug	<i>Boisea trivittatus</i> (Say)
Bumble bee	<i>Bombus huntii</i> Greene
Bumble bee	<i>Bombus</i> sp.
Digger bee	<i>Melissodes</i> sp.
Bumble bee	<i>Peponepsis</i> sp. (?)
Bumble bee	<i>Anthophora</i> sp.
Bumble bee	<i>Megachile</i> sp.
Bumble bee	<i>Peponepsis</i> sp (?)
Leaf-cutter bee	<i>Megachile montivaga</i> (s)
Leaf Cutter Bee	<i>Coelioxys</i> sp.
Sweat Bee	<i>Dialictus</i> sp.
Sweat Bee	<i>Agapostemon</i> sp.
Sweat Bee	<i>Augochlorella striata</i> Prov.
Cuckoo wasp	<i>Chrysis</i> sp.
Ant	<i>Camponotus vicinus meyr</i>
Ant	<i>Camponotus vicinus</i>
Velvet ant	<i>Dasymutilla</i> sp.
Ichneumons	<i>Megarhyssa norton</i> (cr.)
Ichneumons	<i>Ichneumon</i> sp.
Ichneumon	<i>Xorides stigmapterus</i> (Say)
Ichneumons	<i>Thyreodon atricolor</i> (oliv)
Ichneumons	<i>Rhydenofaenus barnstone perplexus</i> (Cr)
Ichneumon Wasp	<i>Netelia</i> sp.
Ichneumon Wasp	<i>Netelia</i> sp.
Ichneumons	<i>Oxyrrhexis carbonator texana</i> (In)
Ichneumons	<i>Pterocormus</i> Sp.
Ichneumons	<i>Anoplius (lophopompilus) atrox</i> (Dahib)
Braconids	<i>Iphiaulax</i> Sp.
Braconids	<i>Apanteles (S.L.)</i> Sp.
Braconids	<i>Ipobra</i> Sp.
Braconids	<i>Cremonops vulgaris</i> (Cr.)
Braconids	<i>Melanichneumon</i> Sp.
Sawfly	<i>Tenthredo</i> Sp.
Yellowjacket	<i>Vespa pensylvanica</i> (S.S.)
Yellow jacket	<i>Dolichorespula arenaria</i> (F.)
Yellow jacket	<i>Vespa vulgaris</i> (L.)
Sand wasp	<i>Bembix americana spinolae</i> (Lep.)
Scoliid wasp	<i>Scoliidae elis myzinum</i> 5 - Cinctum
Spider wasp	<i>Anoplius (lophopompilus) atrox</i> (Dahib)
Wasp	<i>Sphecodes</i> sp.
Wasp	<i>Podalonia mickeli</i> (Miav)
Wasp	<i>Podalonia velida</i> (cr.)
Wasp	<i>Euodynerus annulatus</i> (Say)
Wasp	<i>Sceliphron caementarium</i> (De.)
Wasp	<i>Ammophila strenua</i> (Cr.)
Wasp	<i>Mischocyttarus flavitarsis</i> (Ss.)
Eumenid Wasp	<i>Mischocyttarus flavitarsis</i>
Wasp	<i>Prionyx atratus</i> (Lep.)
Wasp	<i>Podalonia luctuose</i> (Sm.)
Wasp	<i>Stizoides renicinctus</i> (Say)
Wasp	<i>Ammophila strenua</i> (Cr.)

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Wasp	<i>Euodynerus annulatus</i> (Say)
Wasp	<i>Ancistrocerus antilope</i> (Pz.)
Wasp	<i>Protichneumon grandis</i> (Br.)
Wasp	<i>Sphecodes</i> Sp.
Wasp	<i>Euodynerus annulatus</i> (Say)
Wasp	<i>Stictiella emarginata</i> (Cr.)
Wasp	<i>Cryptus albifrons</i> (Cr.)
Wasp	<i>Stictiella emarginata</i> (Cr.)
Wasp	<i>Anoplus (lophopompilus) atrox</i> (Dahib)
Wasp	<i>Sceliphron caementarium</i> (De.)
Wasp	<i>Prionyx canadensis</i> (Rov.)
Wasp	<i>Conocalama canadensis</i> (Pr.)
Wasp	<i>Sphex ichneumoneus</i> (L.)
Wasp	<i>Myzinum S-Cinctum</i>
Wasp	<i>Sphex ichneumoneus</i> (L.)
Wasp	<i>Philanthus bilunatus</i> (Cr.)
Wasp	<i>Lasius</i> Spp.
Wasp	<i>Eumenis crucifer hearcticus</i> (Bel.)
Wasp	<i>Sphecodes</i> Sp.
Wasp	<i>Ectemnius arcuatus</i> (Say)
Wasp	<i>Ancistrocerus catskill</i> (Sr.)
Wasp	<i>Eumenes Crucifer hearcticus</i> (Bel.)
wasp	<i>Leucospis affinis</i> (Say)
Wasp	<i>Philanthus bilunatus</i> (Cr.)
Wasp	<i>Euodynerus annulatus</i> (Say)
Wasp	<i>Cerupales maculate fraterna</i> (Son)
Wasp	<i>Photopsis</i> Spp. <i>Ectemnius</i> Sp.
Two-striped Grasshopper	<i>Melanoplus bivittatus</i> (Say)
Two-striped Grasshopper	<i>Melanoplus bivittatus</i> (Say)
Carolina or Dust Grasshopper	<i>Dissosteira carolina</i> (Linnaeus)
Red Shank	<i>Xanthippus corallipes</i> (Haldeman)
Carolina or Dust Grasshopper	<i>Dissosteira carolina</i> (Linnaeus)
Carolina or Dust Grasshopper	<i>Dissosteira carolina</i> (Linnaeus)
Red Shank	<i>Xanthippus corallipes</i> (Haldeman)
N.western Red-winged Locust	<i>Arphia pseudonietana</i> (Thomas)
3-banded Range Grasshopper	<i>Hadrotettix trifasciatus</i> (Say)
Speckled Rangeland Grshpper	<i>Arphia conspersa</i> (Scudder)
Wyoming Toothpick Grshpper	<i>Paropomala wyomingensis</i>
Cricket	<i>Gryllus</i> sp.
German Cockroach	<i>Blatella germanica</i> (Linnaeus)
Tiger Moth	<i>Eilema bicolor</i> (Grote)
Geometrid Moth	<i>Nacophora mexicanaria</i> (Grote)
Pandora Moth	<i>Coloradia pandora</i> (Blake)
Predaceous Diving Beetle	<i>Hydrophilus triangularis</i> (Say)
Painted Lady Butterfly	<i>Vanessa cardui</i> (Linnaeus)
One-eyed Sphinx Moth	<i>Smerinthus cerisyi</i> (Kirby)
Small-eyed Sphinx Moth	<i>Paonis myops</i> (J.E. Smith)
Scarab Beetle	<i>Diptotaxis</i> sp.
Bark-gnawing Beetle	<i>Temnochila</i> sp.
Darkling Beetle	<i>Eleodes hispilabrus</i> (Say)
Scarab Beetle	<i>Diptotaxis</i> sp.
Scarab Beetle	<i>Onthophagus hecate</i> (Panzer)
Longhorn Beetle	<i>Monochamus clamator</i> (LeConte)
Longhorn Beetle	<i>Tragosoma desparium</i> (LeConte or Linnaeus?)
Eyed-click Beetle	<i>Alaus oculatus</i> (Linnaeus)

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### **Jewel Cave National Monument**

Carriion Beetle	<i>Nicrophorus tomentosus</i> (Weber)
Carriion Beetle	<i>Nicrophorus</i> sp.
Longhorn Beetle	<i>Monochamus clamator</i> (LeConte)
Longhorn Beetle	<i>Strictoleptura canadensis</i> (Olivier)
Longhorn Beetle	<i>Arhopalus rusticus montanus</i> (LeConte)
Longhorn Beetle	<i>Monochamus clamator</i> (LeConte)
Blister Beetle	<i>Lytta nuttelli</i> (Say)
Darner	<i>Aeshna palmata</i> (Hagen)
Skimmer	<i>Libellula saturata</i> (Uhler)
Ox-eyed Satyr	<i>Cercyonis pegala</i> (Fabricius)
Cicada	<i>Tibicen dealbatus</i> (Davis)
Cicada	<i>Okanagana bella</i> (Davis)
Alfalfa Butterfly	<i>Colias eurytheme</i> (Boisduval)
Snowberry Clearwing Moth	<i>Hemaris diffinis</i> (Boisduval)
Assassin Bug	<i>Apiomerus crassipes</i> (Fabricius)